



Equipotentiality Spark Gap

FP EIX-350-100

Class 1L

Type of Protection: Equipment Producing Operational Sparks
Class : Class 1L

Compliance : IEC 60079-0:2011
IEC 60079-15:2010
EN 60079-0:2012+A11:2013
EN 60079-15:2010
EN 62561-3:2017



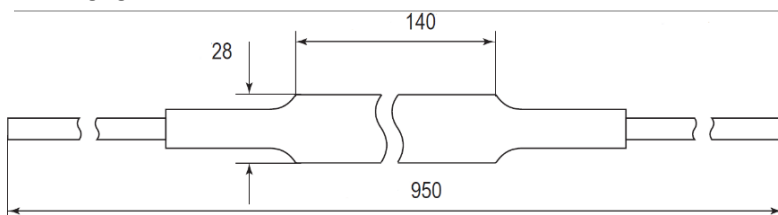
Technical Data

| Reference | | 24501 |
|--|-------------|---------------------------------------|
| Name | | FP EIX-350-100 |
| Rated power frequency withstand voltage | $U_{W AC}$ | 240 V |
| Rated DC withstand voltage | $U_{W DC}$ | 350 V |
| Rated impulse sparkover voltage | $U_{r imp}$ | 1000 V |
| Maximum discharge current (8/20 μ s) | I_{max} | 100 kA |
| Impulse discharge current (10/350 μ s) | I_{imp} | 25 kA |
| Specific energy | W/R | 156 kJ/ Ω |
| Charge | Q | 12.5 As |
| Residual voltage at 5 kA (8/20 μ s) | U_{res} | 1.6 kV |
| Isg classification | | 1L |
| Capacitance at 1 MMz | C | < 10 pF |
| Temperature range | T_a | -40 °C to +70 °C |
| Nominal outer diameter | | 28 mm |
| Nominal length | | 140 mm |
| Length with cables (approx.) | | 950 mm |
| Cross sectional area | | 16 mm ² |
| Number of conductors | | $\geq 465 / 0.21$ |
| Insulation | | Double insulated |
| Environmental protection | | UV stabilized, flame retardant |
| Resistant | | Acids, solvents and oils |
| Connection | | Suitable for screw or lug termination |
| Degree of protection | | IP 67 |
| Housing material | | Metal tube |
| Location | | Indoor/Outdoor |

Dimensions & Packaging

Complete Unit

Weight **500 g**
Packaging dimensions **350 x 125 x 55 mm**



Internal Configuration

